

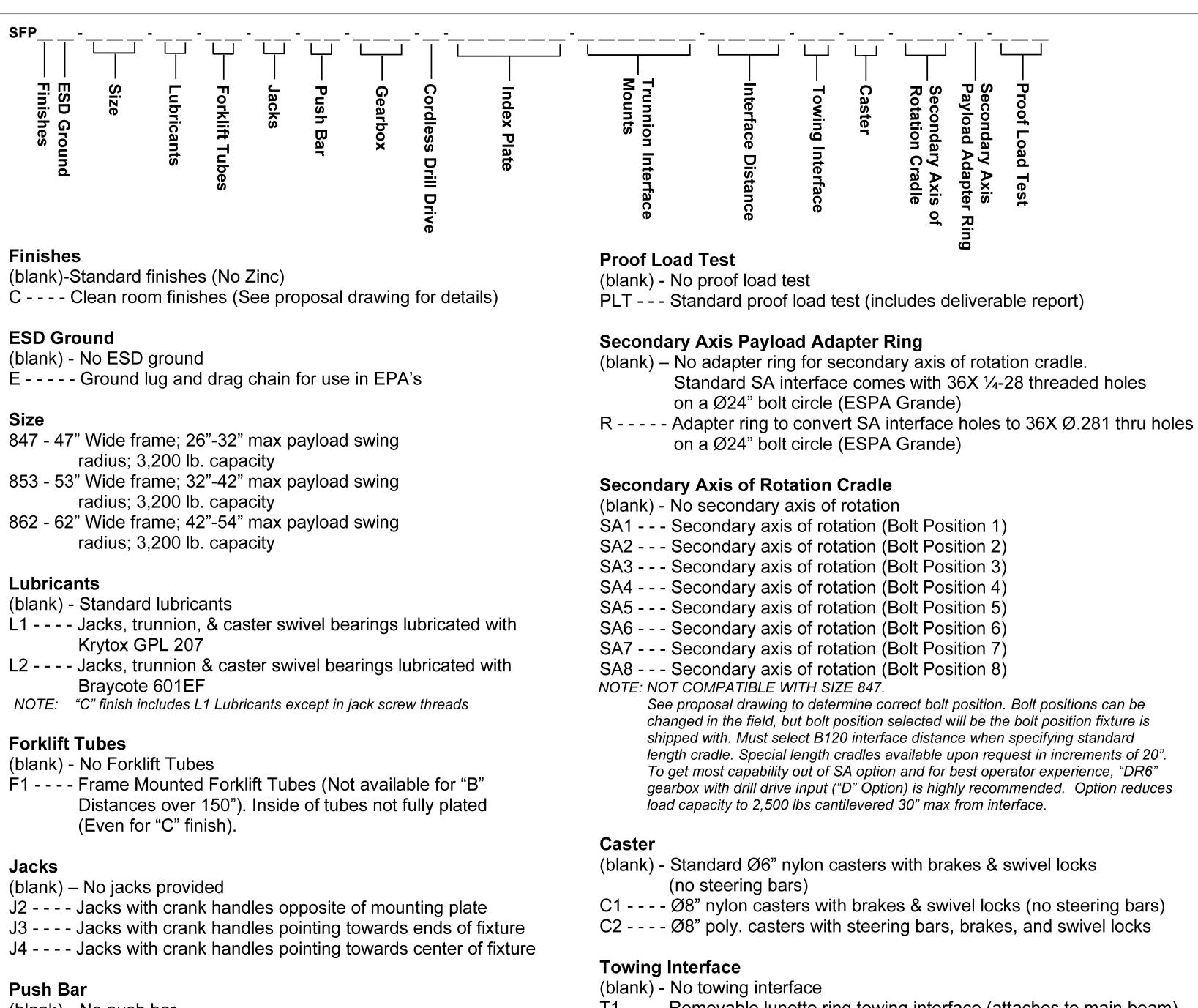
NOTES:

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WT:4602.5 lbmass

SFP-800 SERIES OPTIONS COMPATIBILITY MATRIX																				
		SIZE			FORKLIFT TUBES		JACKS		GEARBOX		CORDLESS HAND DRILL		INDEX PLATE	TOWING INTERFACE			SECONDARY AXIS OF ROTATION CRADLE			
		SFP-847	/ SFP-853	3 SFP-862	BLANK	F1	BLANK	J5	BLANK	DR3	DR6	BLANK	D	BLANK IND15 INDS1	5 BLANK	T1	T2	T3	BLANK	SA1-SA8
SIZE	SFP-847																			Х
	SFP-853																			
	SFP-862																			
FORKLIFT TUBES	BLANK - NO TUBES																			
	F1																	X (5)		
JACKS	BLANK - NO JACKS																			
j/ Certo	J5																	X (4)		
	BLANK - STANDARD										-		Х							-
GEARBOX	DR3												-							-
	DR6											-								
CORDLESS HAND DRILL	BLANK - NO DRILL																			-
	D								Х	-										
	BLANK - NO INDEX																			
INDEX PLATE	IND15												-							
	INDS15												-							
	BLANK - NO TOW																			
TOWING INTERFACE	T1																			
	T2																			
	Т3					X (5)		X (4)												
SECONDARY AXIS OF	BLANK - NO CRADLE																			
ROTATION CRADLE	SA1-SA8	X							-	-		-								
NOTES:	1. OPTIONS SHOWN AS	Х	ARE NO	T COMPA	TIBLE WITI	H OTHER	OPTIONS													
2. OPTIONS SHOWN AS - ARE COMPATIBLE WITH OTHER OPTIONS BUT NOT RECOMMENDED. CONTACT FLOTRON FOR FURTHER DETAILS AND EXPLANATION OF CONCERNS/RISKS																				
	3. OPTIONS NOT SHOW	N IN THIS	MATRIX A	ARE COMP	ATIBLE WI	TH ALL C	THER OPT	IONS												
	4. JACKS WITH T3 OPTIO																			
	5. TOWBAR (T3) OPTION	I WITH FC	ORKLIFT TU	UBES (F1) (		LE WITH	SFP-847 ON	NLY (NOT	COMPATI	BLE WITH	SFP-853 &	sFP-862)								
														This Drawin be used, cop particular pu purpose has to FLOTRO	g is the property pied or reproduc rpose for which been fulfilled, i N, Inc.	y of FLOTRON ced in any way n it is provided, it should be de	I, Inc. and is n / other than for , and when sai estroyed or retu	not to r the id urned		



- (blank) No push bar
- P1 - Gearbox mounted push bar for 847 & 853. End frame mounted push bar for 862.

## Gearbox

(blank) - Standard 60:1 Low Backlash Gearbox

- DR3 - 300:1 Low Backlash, Stairstep Resistant Gearbox. Recommended for torques higher than 2,000 in-lbs
- DR6 - 600:1 Low Backlash, Stairstep Resistant Gearbox. Recommended for torques higher than 6,000 in-lbs Must select when using drill drive "D" option.

## **Cordless Drill Drive Input**

(blank) – No hand drill

D - - - - Battery powered hand drill mounted to gearbox input shaft (Must select DR6 gearbox option)

## Index Plate

(blank) - - No index plate IND15 - - 15° index plate INDS15 - 15° index plate with index stops Special index plate hole spacing available upon request NOTE:

## **Interface Distance**

B"XXX" - Main Beam length where "XXX"= length in inches between trunnion interface mounts. (1" increments within the following range) MODEL MIN MAX 280" SFP-847 25" 42" SFP-853 280" SFP-862 55" 280"

## **Trunnion Interface Mounts**

	9" x 12" mounting
P12/A30	P12 (8 bolts 8" x 1 30" long angle (no
P12/B30	P12 (8 bolts 8" x 1
NOTE:	(with standard mo Special interface angl

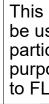
T1 - - - Removable lunette ring towing interface (attaches to main beam) T2 - - - Removable ball coupler towing interface (attaches to main beam) T3 - - - Removable tow bar (attaches to end frames)

> plate with 8 thru holes 12") mounting plate and standard o mounting holes) bolted to the P12. 12") mounting plate and 30" long angle ounting hole pattern) bolted to the P12. gle lengths available upon request

# SFP-800 SERIES CREATING A MODEL NUMBER

Example:

SFP <u>C</u>	- <u>853</u>
	1
25	53"
Clean room	frame
finishes	width



<u>J2</u>

Jacks with

removable crank

## P12/A30

## Angle Interface 30" length

## B 120

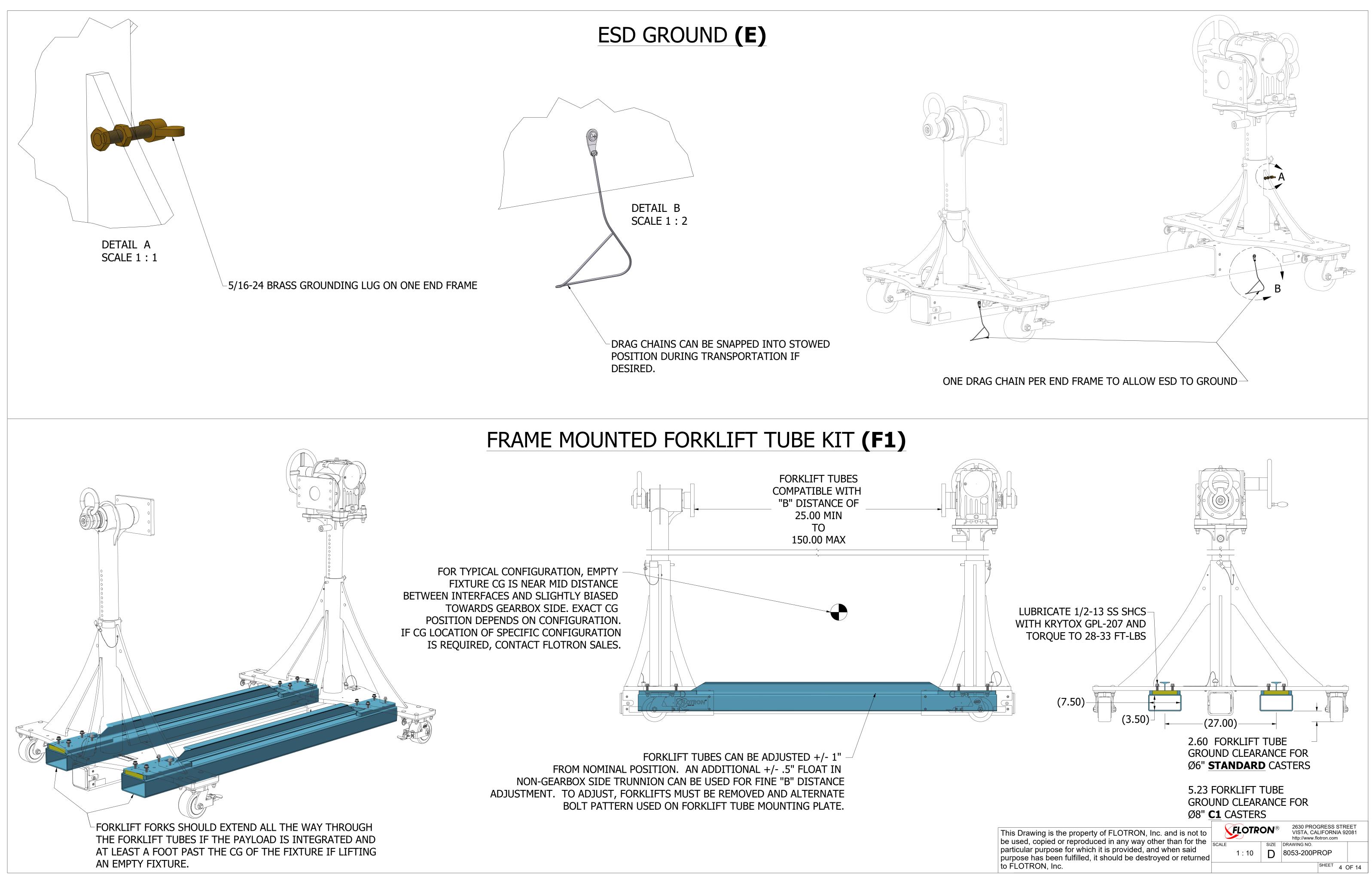
Inside Length between Trunnion interfaces = 120"

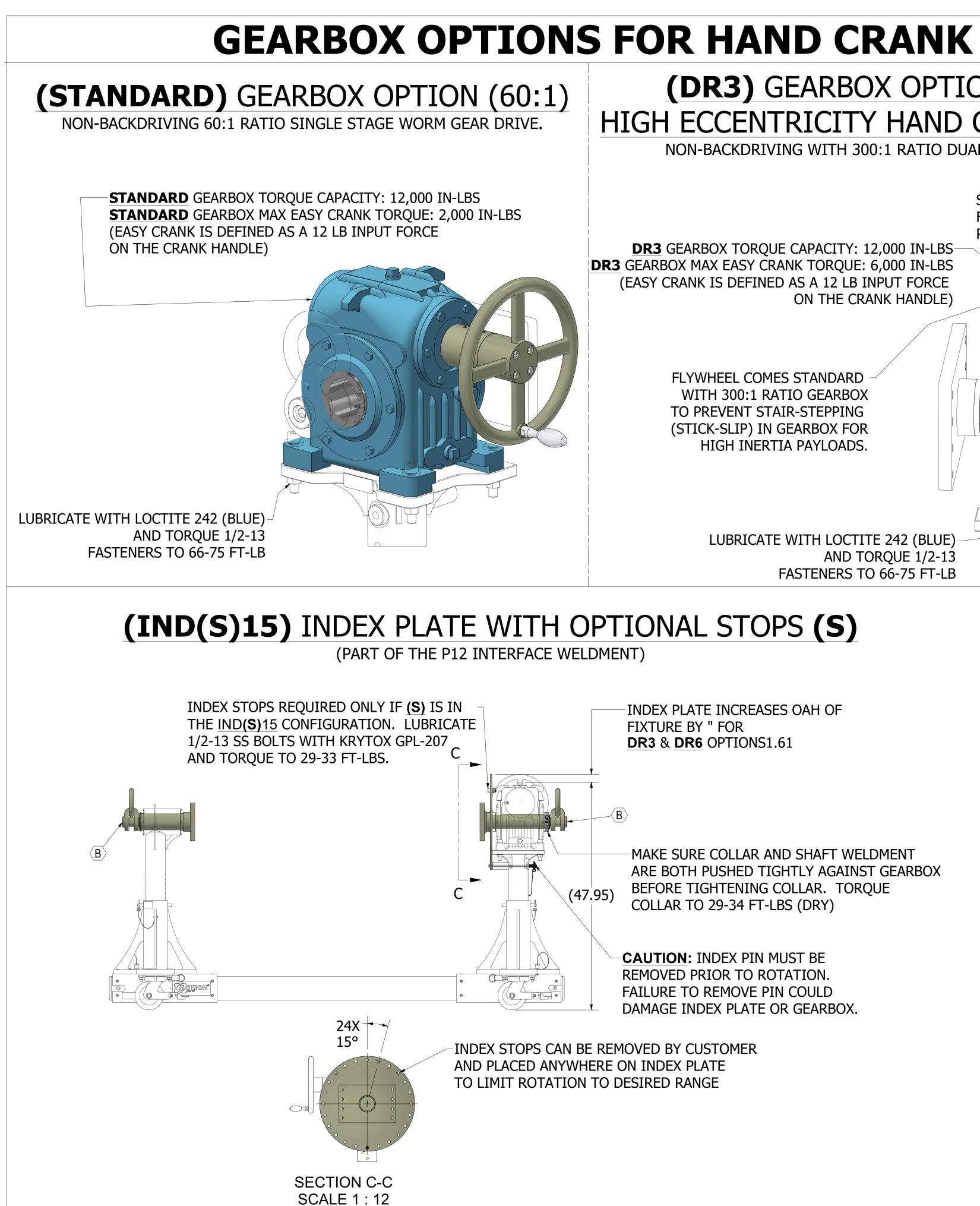
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# (DR3) GEARBOX OPTION (300:1) FOR HIGH ECCENTRICITY HAND CRANK APPLICATION NON-BACKDRIVING WITH 300:1 RATIO DUAL STAGE WORM GEAR DRIVE.

SET CLUTCH TO 250 IN-LBS FOR **DR3** (300:1) RATIO GEARBOX PRIOR TO ASSEMBLY

DR3 GEARBOX TORQUE CAPACITY: 12,000 IN-LBS-DR3 GEARBOX MAX EASY CRANK TORQUE: 6,000 IN-LBS (EASY CRANK IS DEFINED AS A 12 LB INPUT FORCE ON THE CRANK HANDLE)

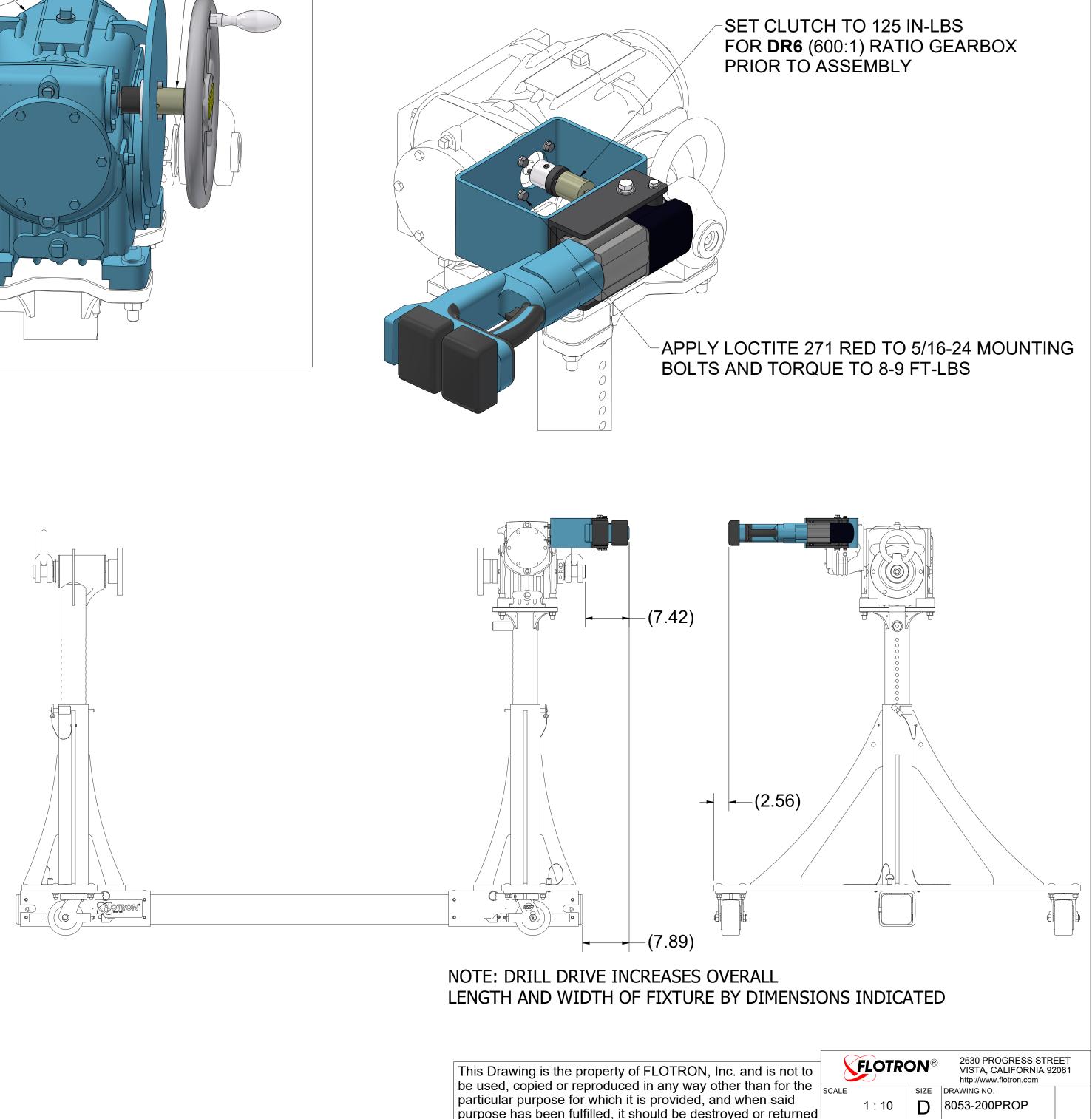
> FLYWHEEL COMES STANDARD WITH 300:1 RATIO GEARBOX TO PREVENT STAIR-STEPPING (STICK-SLIP) IN GEARBOX FOR HIGH INERTIA PAYLOADS.

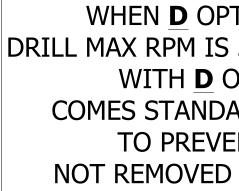
> > LUBRICATE WITH LOCTITE 242 (BLUE) AND TORQUE 1/2-13 FASTENERS TO 66-75 FT-LB

-INDEX PLATE INCREASES OAH OF DR3 & DR6 OPTIONS1.61

-MAKE SURE COLLAR AND SHAFT WELDMENT ARE BOTH PUSHED TIGHTLY AGAINST GEARBOX BEFORE TIGHTENING COLLAR. TORQUE COLLAR TO 29-34 FT-LBS (DRY)

-CAUTION: INDEX PIN MUST BE **REMOVED PRIOR TO ROTATION.** FAILURE TO REMOVE PIN COULD DAMAGE INDEX PLATE OR GEARBOX.



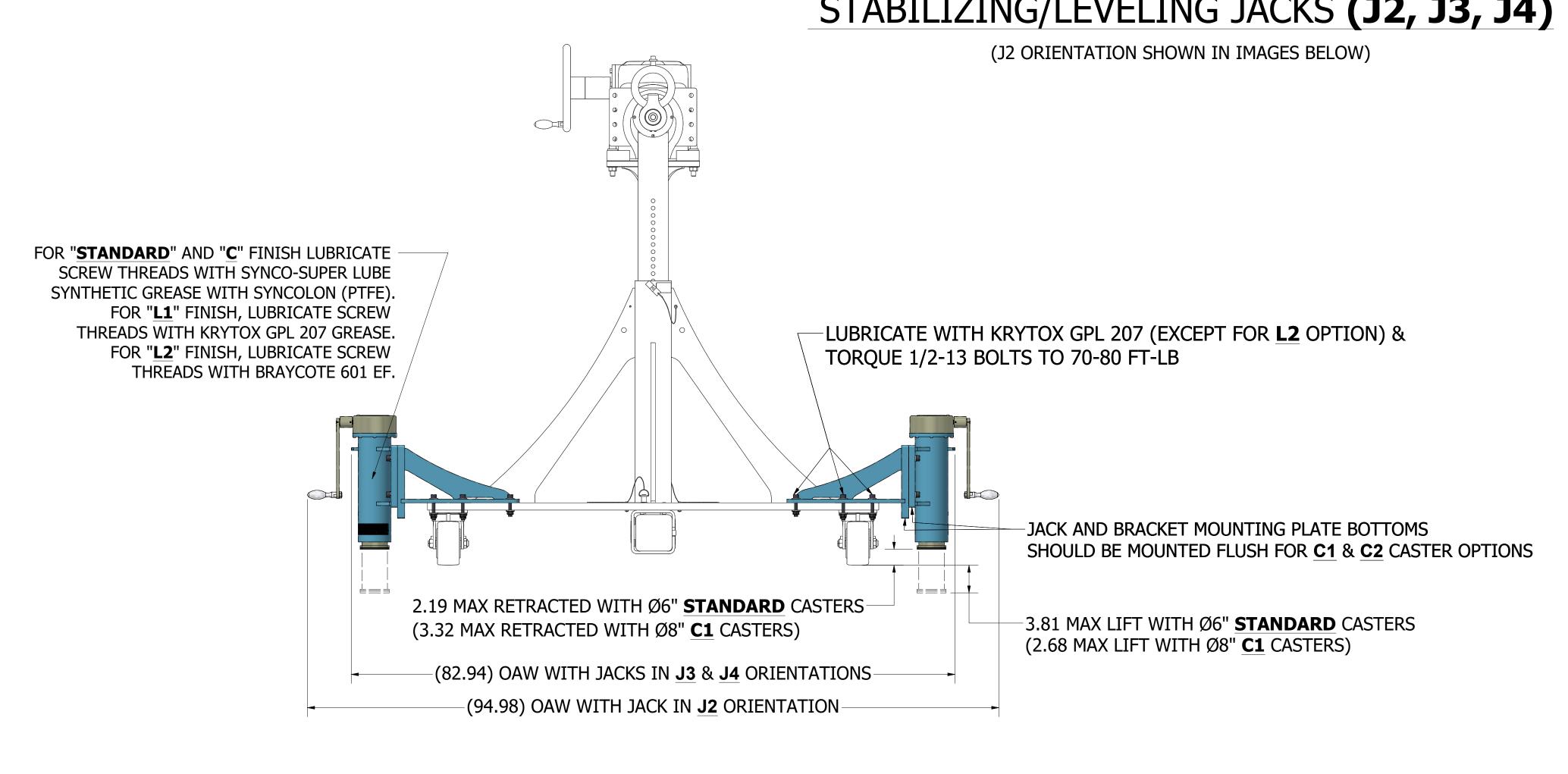


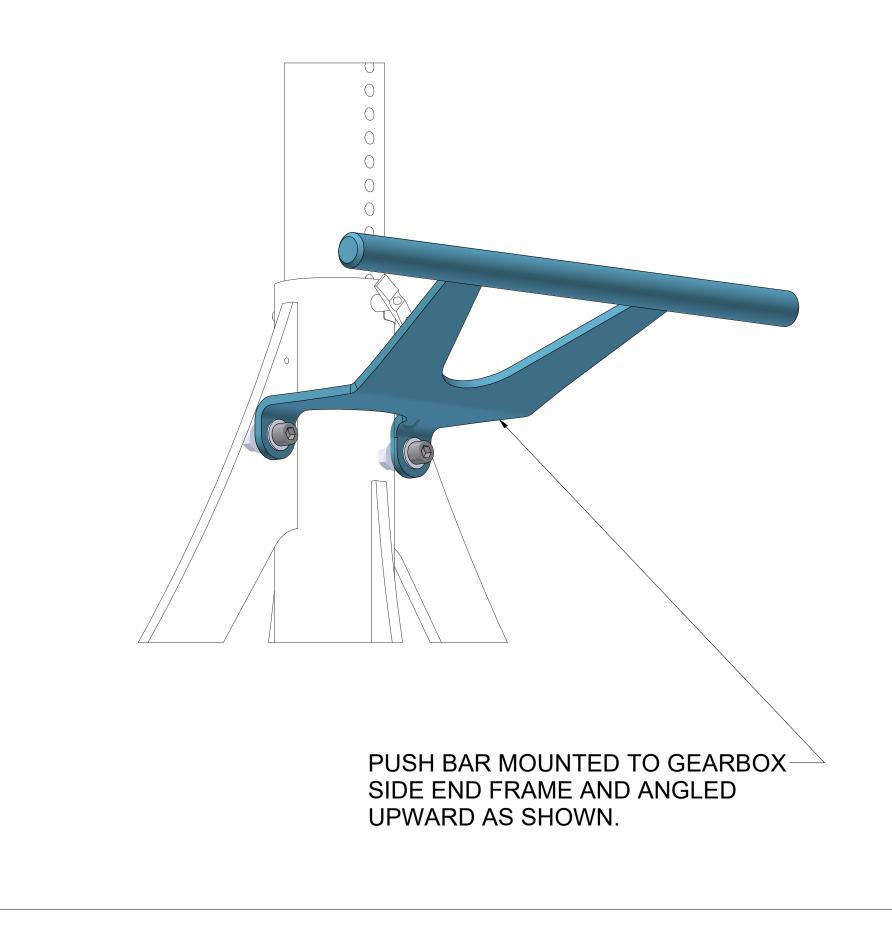
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## DRILL DRIVE OPTION (D) WITH (DR6) GEARBOX

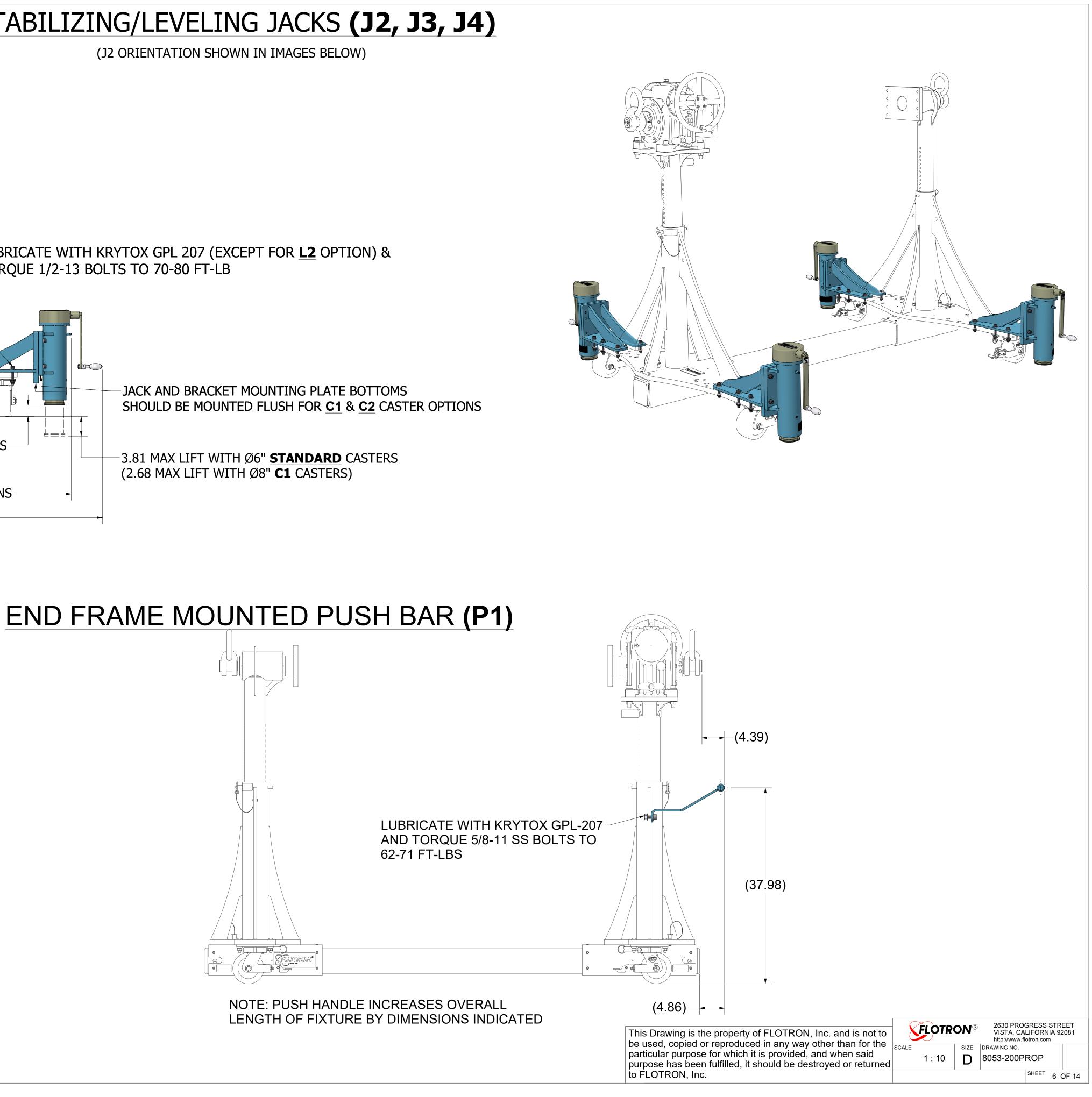
WHEN **D** OPTION IS CHOSEN, **DR6** GEARBOX WILL HAVE A 600:1 RATIO. DRILL MAX RPM IS 300 RESULTING IN A MAX OUTPUT PAYLOAD ROTATION OF .5 RPM. WITH **D** OPTION, FULL GEARBOX TORQUE CAPACITY CAN BE USED. COMES STANDARD WITH CLUTCH BETWEEN THE GEARBOX AND HAND CRANK TO PREVENT OVER-TORQUE OF GEARBOX IN CASE INDEX PIN WAS NOT REMOVED BEFORE ROTATION OR PAYLOAD ECCENTRICITY IS TOO HIGH.

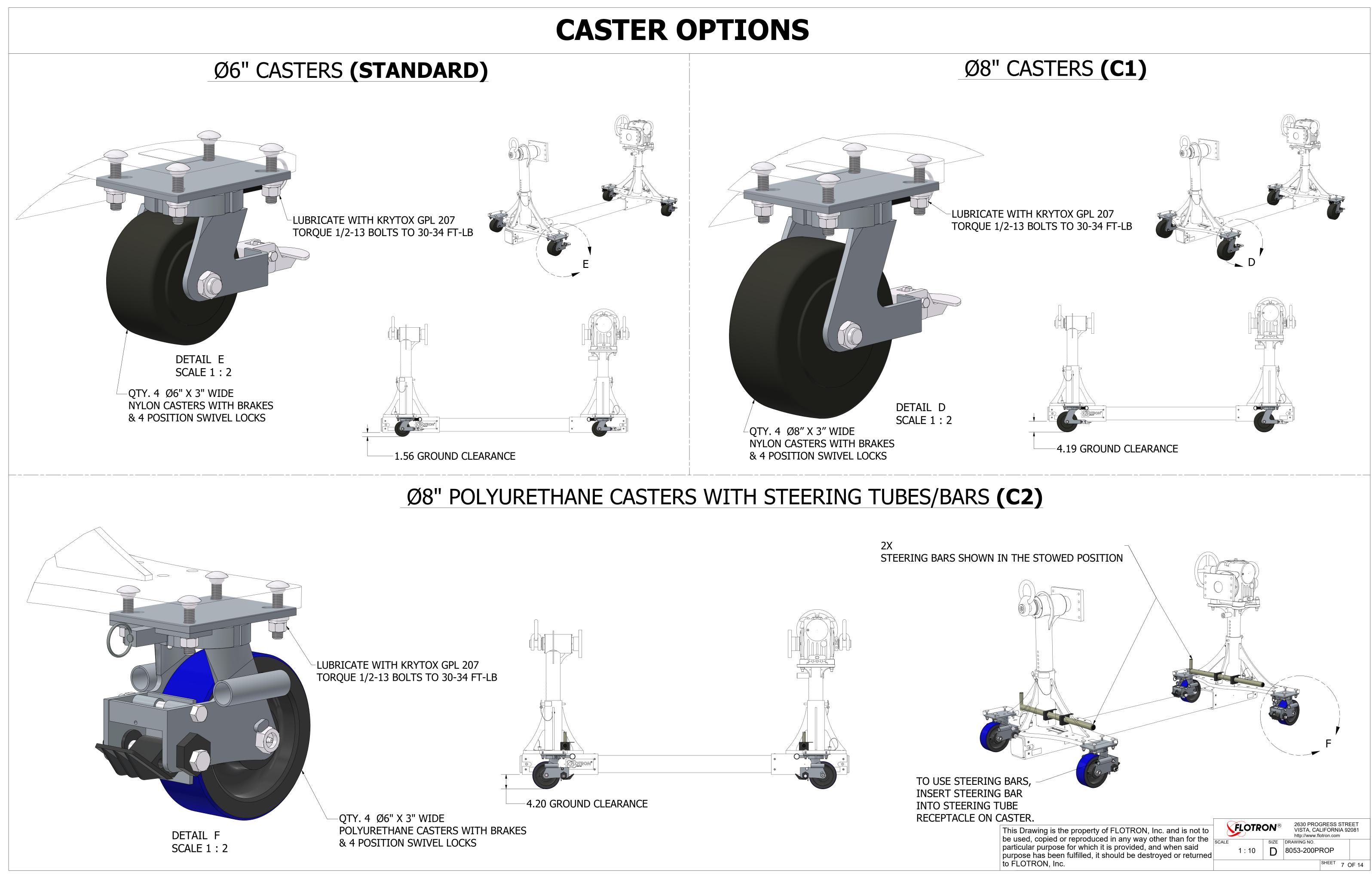
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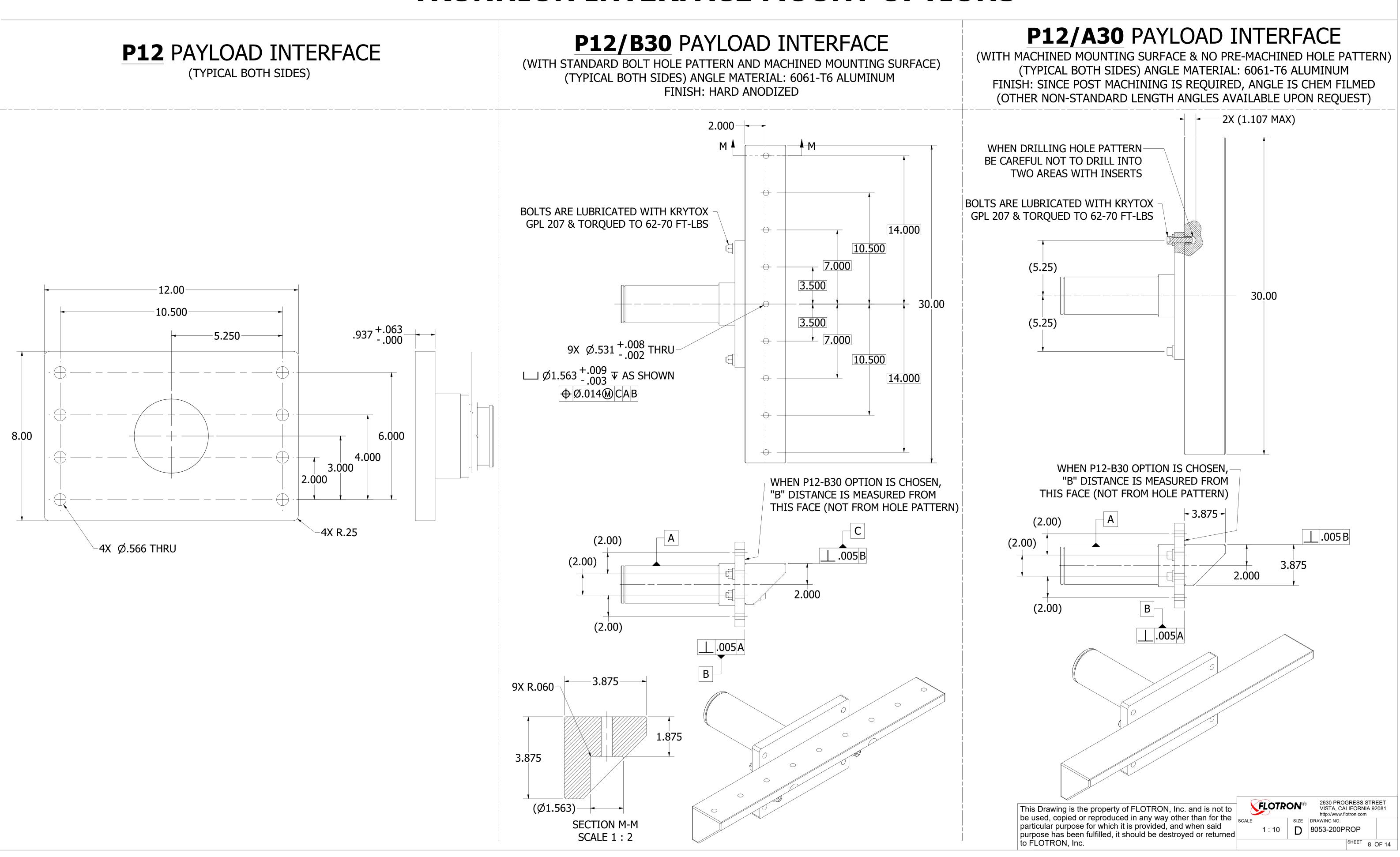


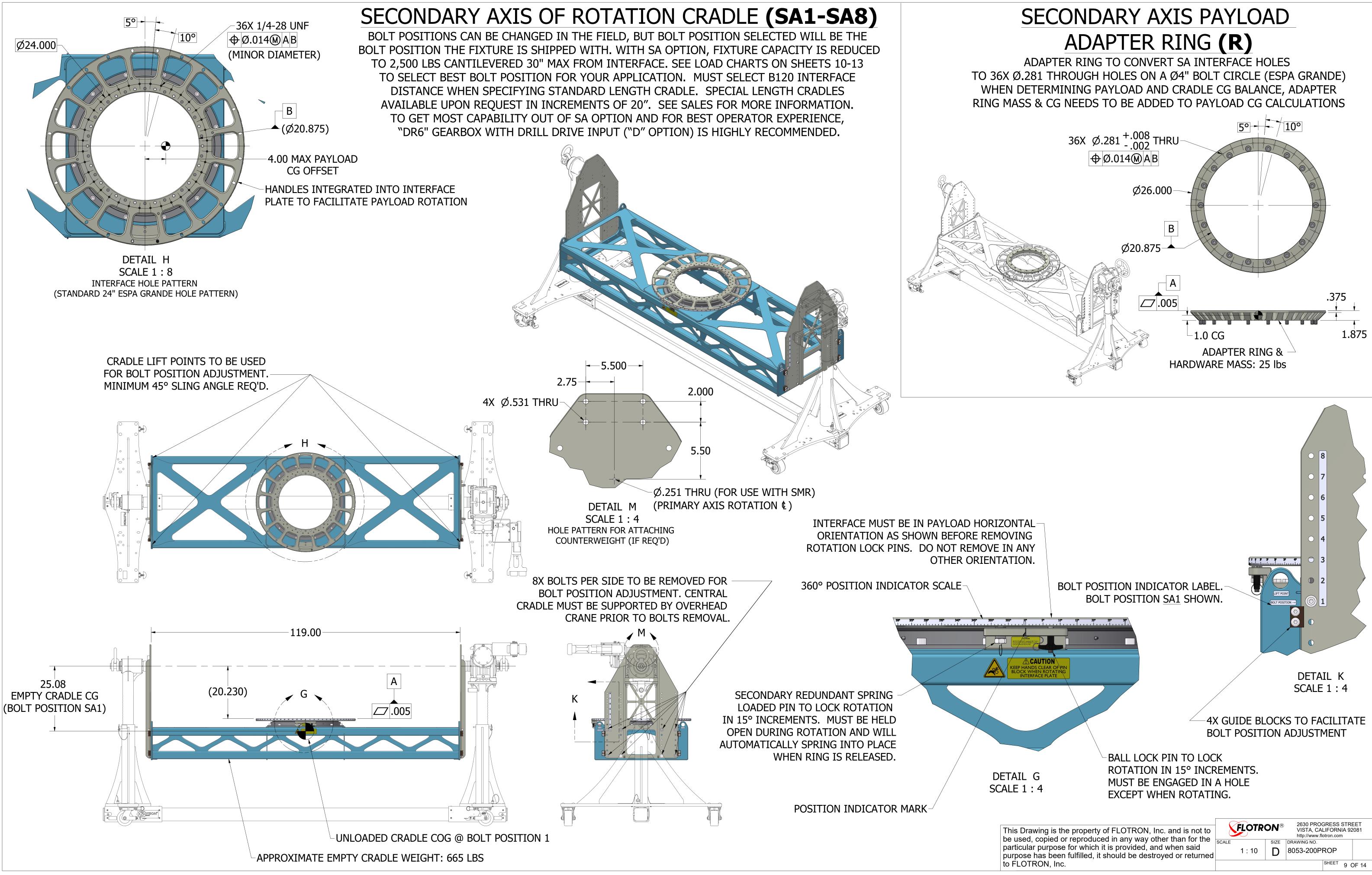
## STABILIZING/LEVELING JACKS (J2, J3, J4)

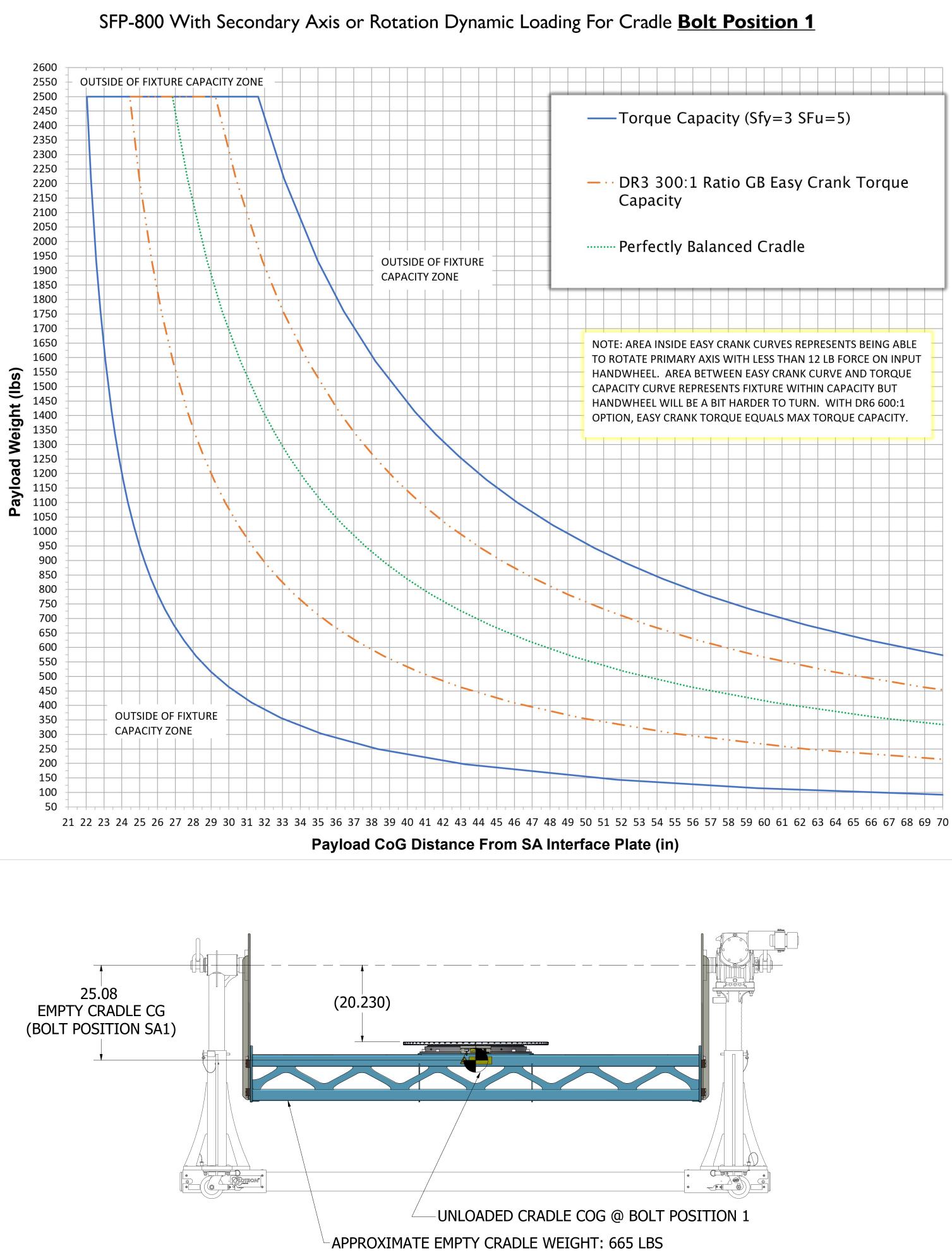


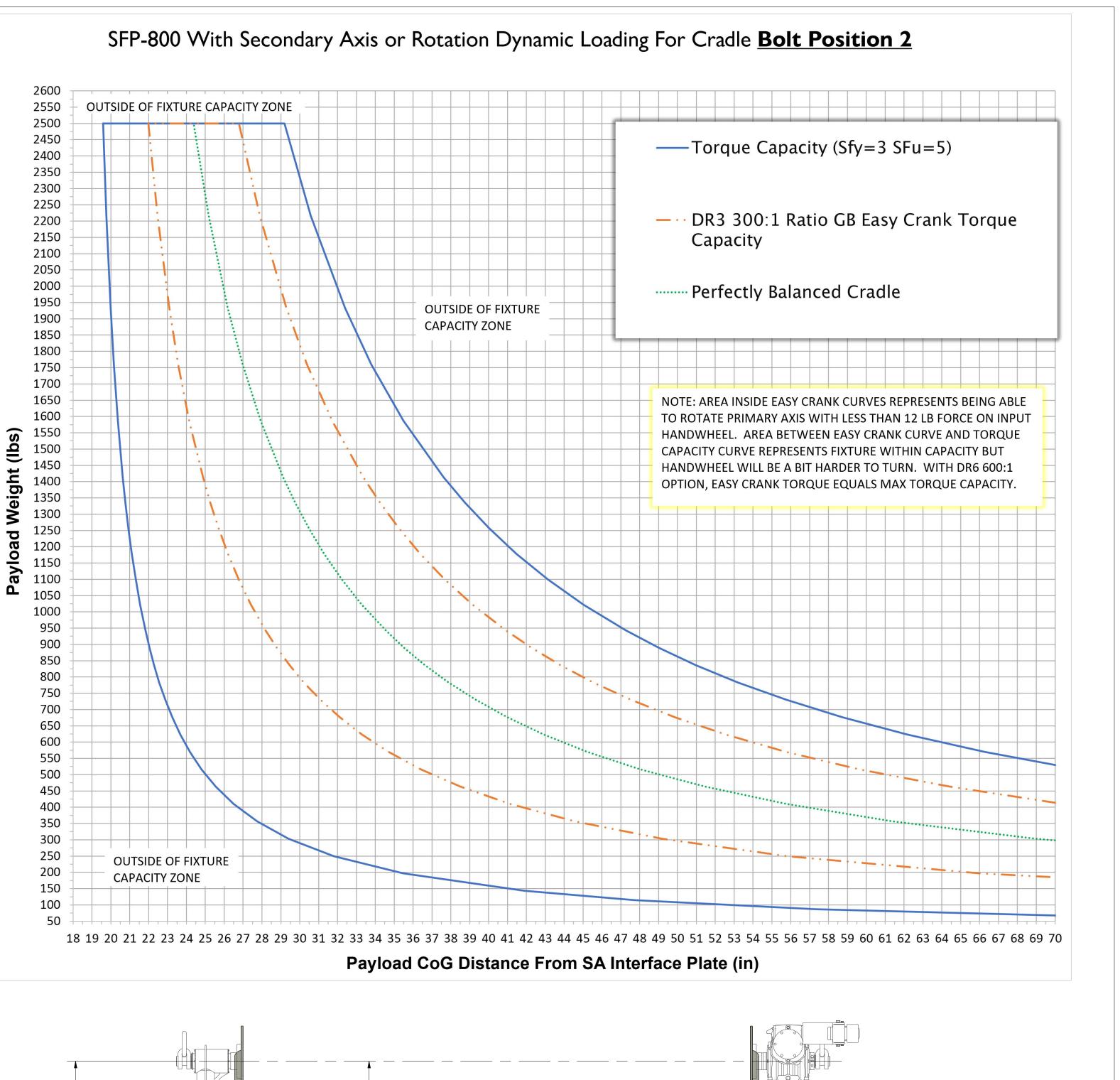


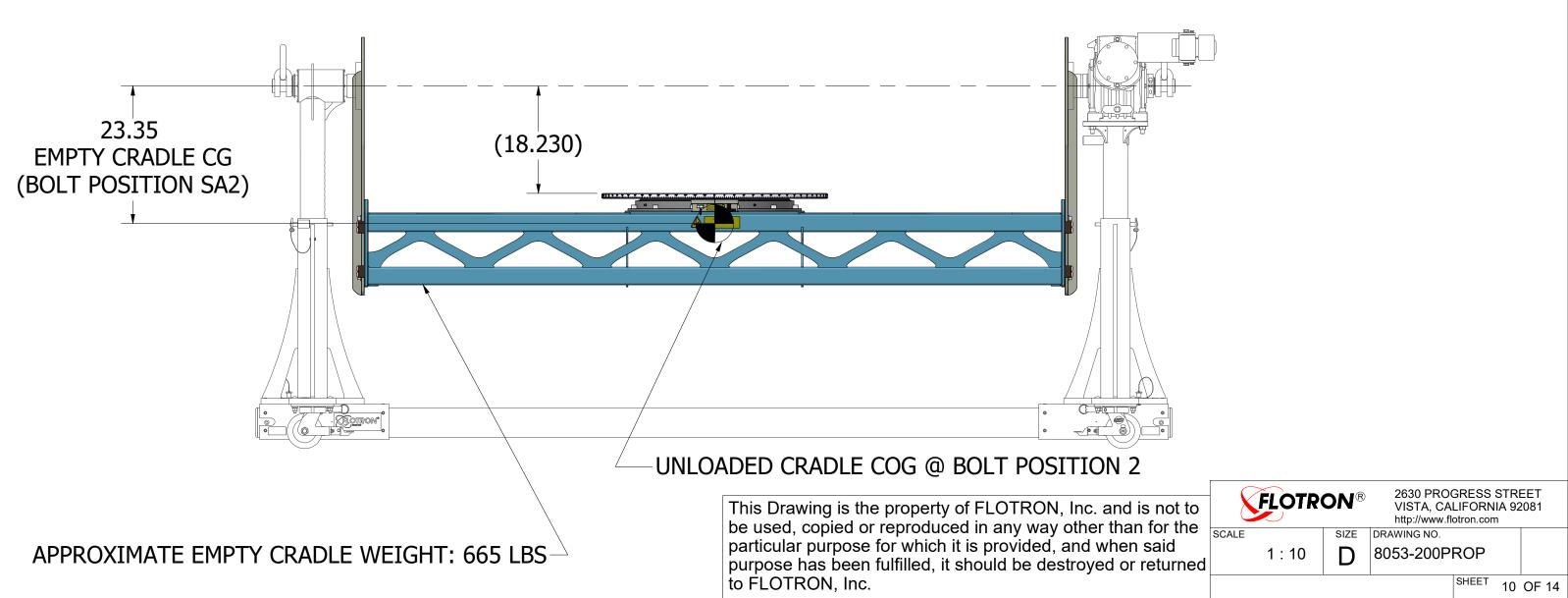
# **TRUNNION INTERFACE MOUNT OPTIONS**

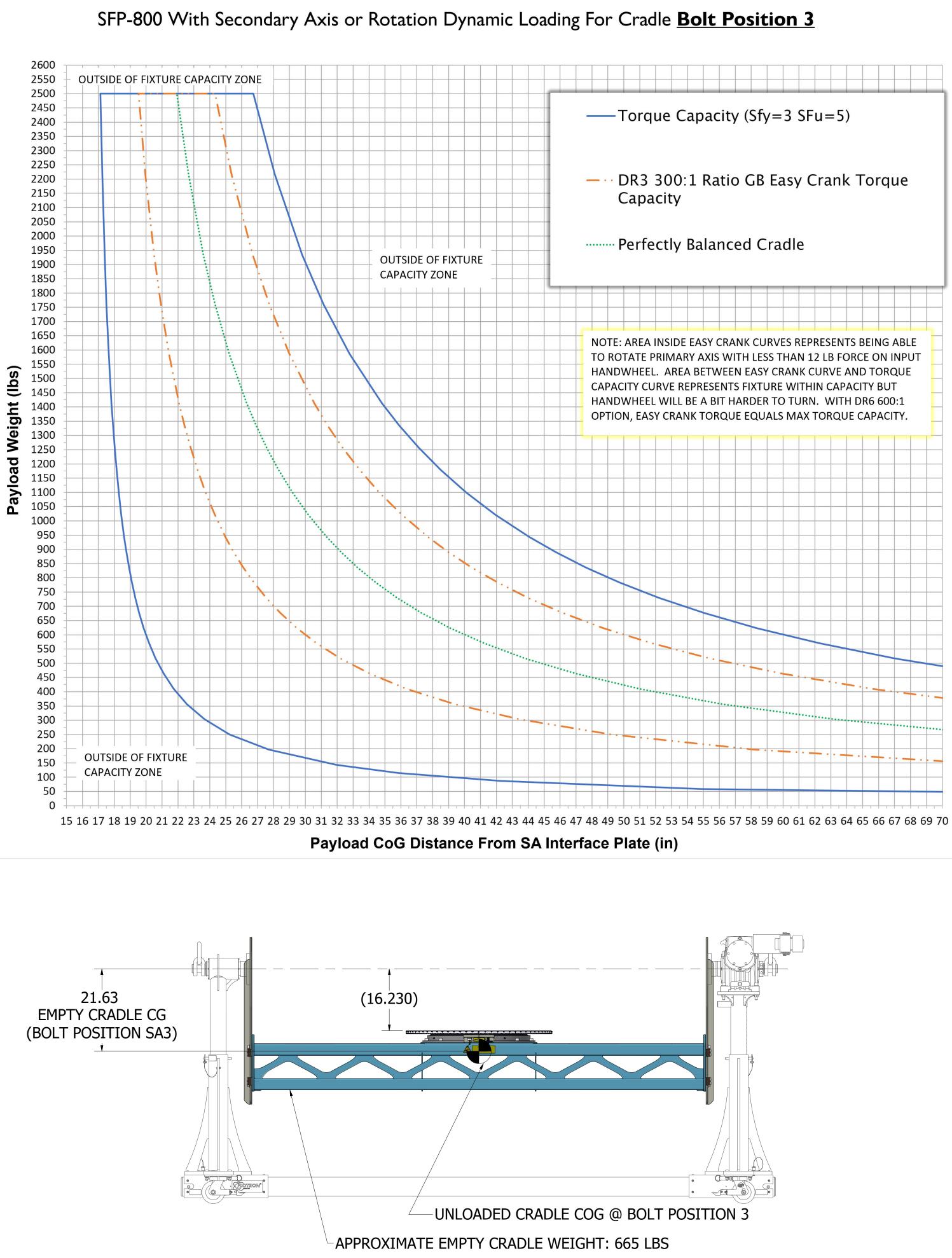


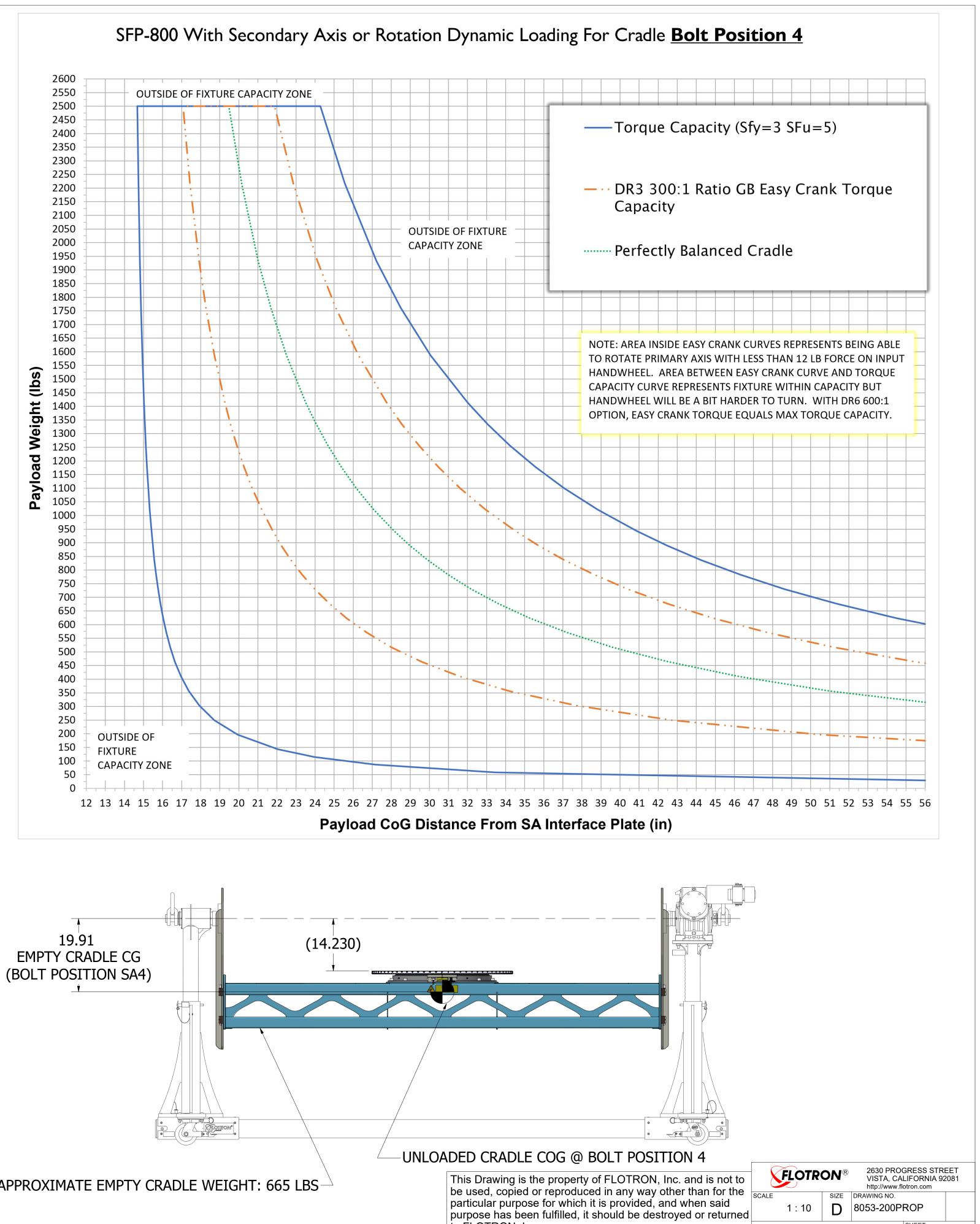








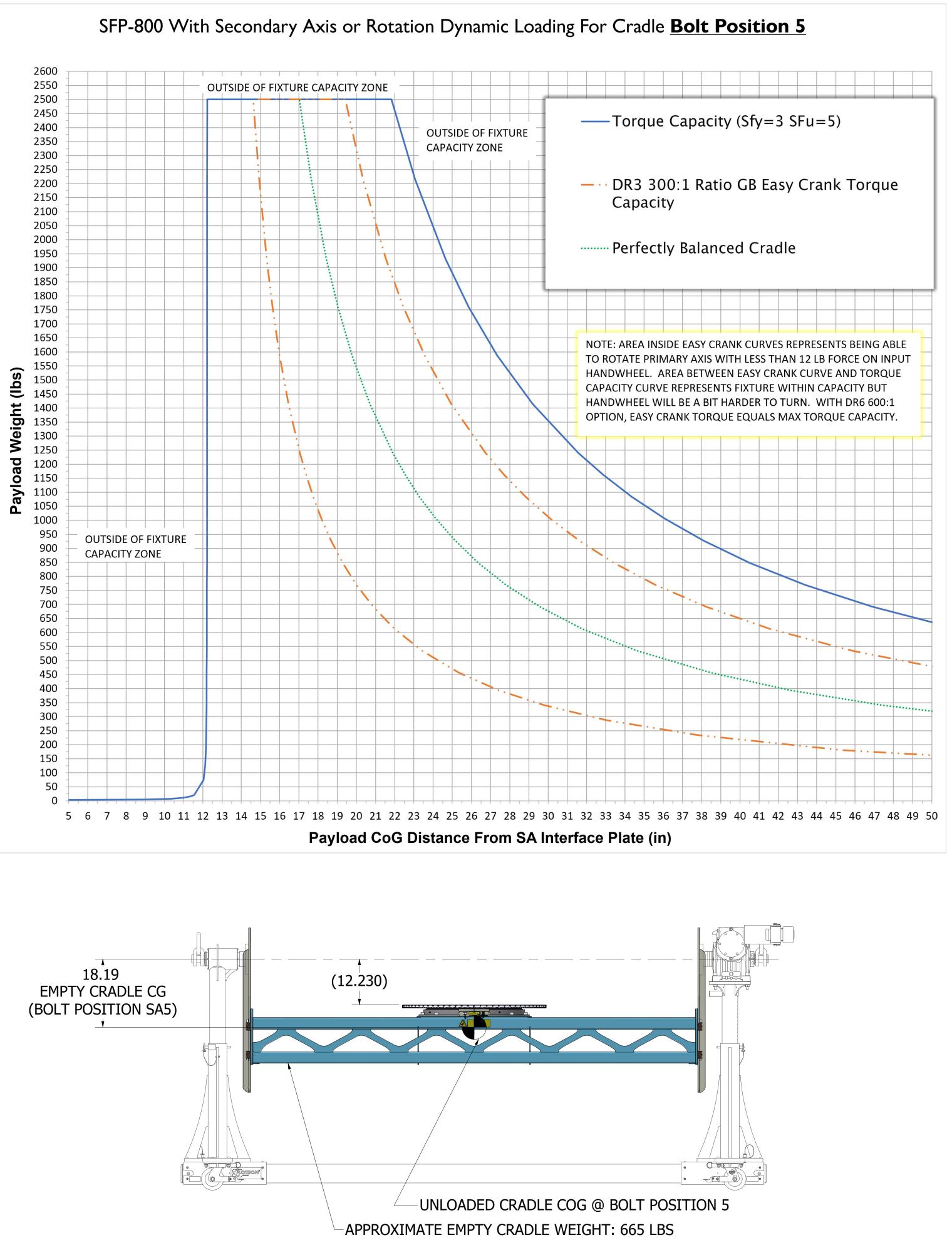


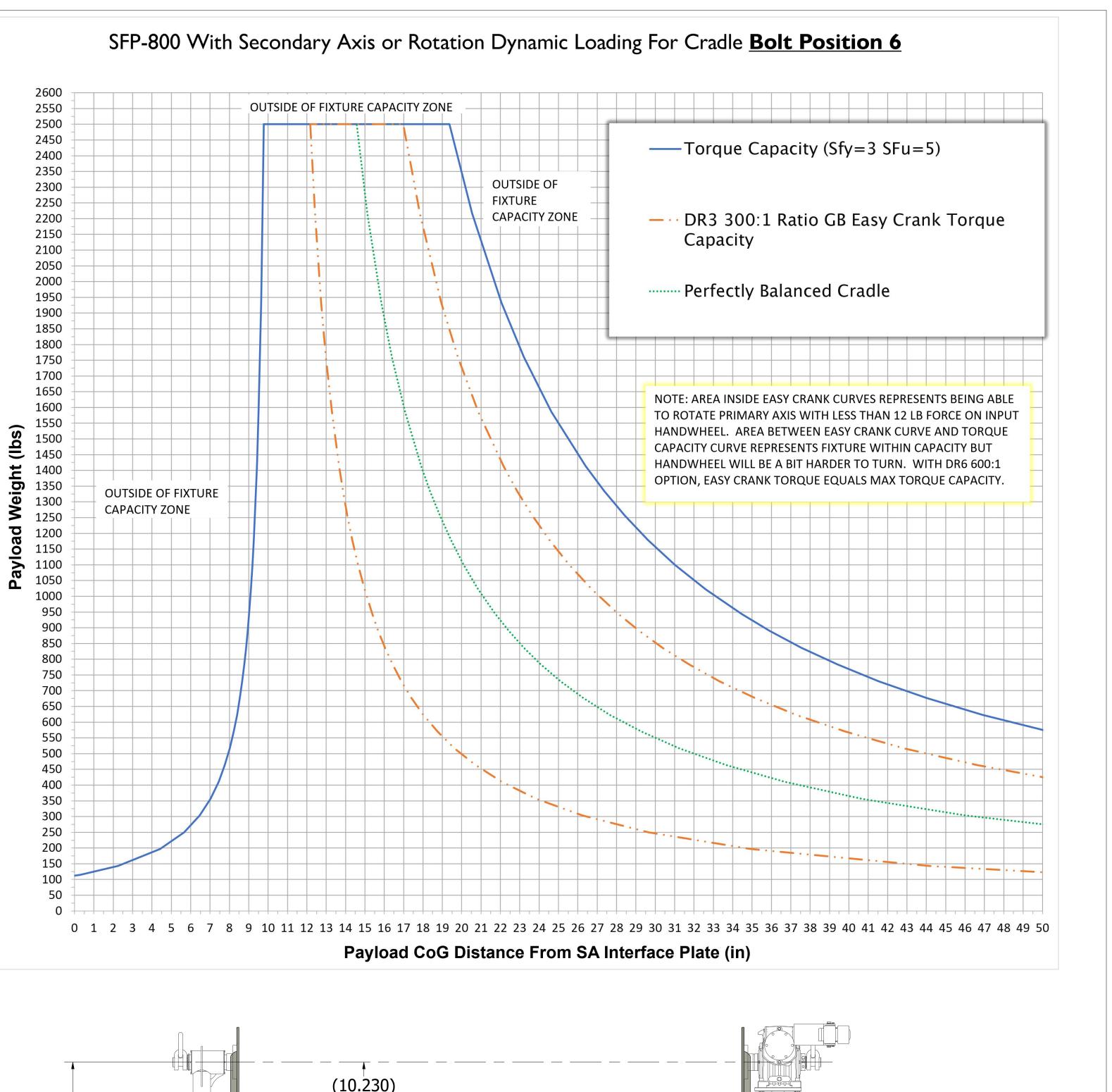


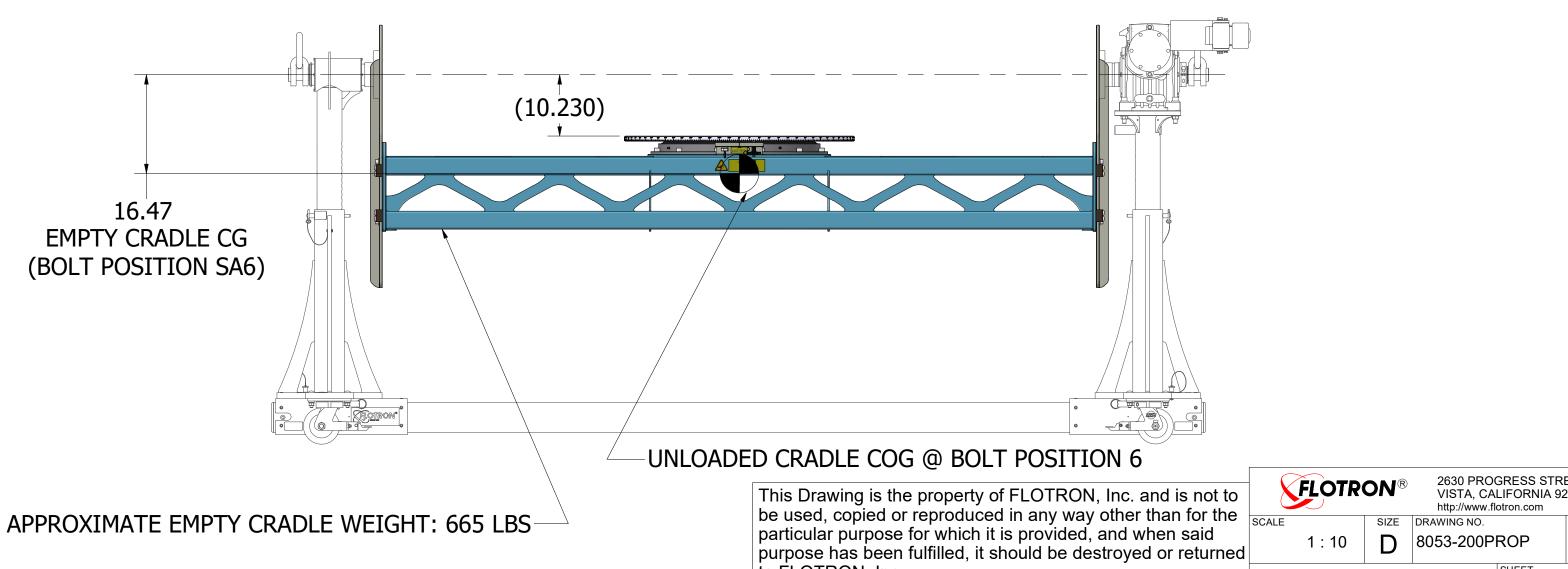
## APPROXIMATE EMPTY CRADLE WEIGHT: 665 LBS-

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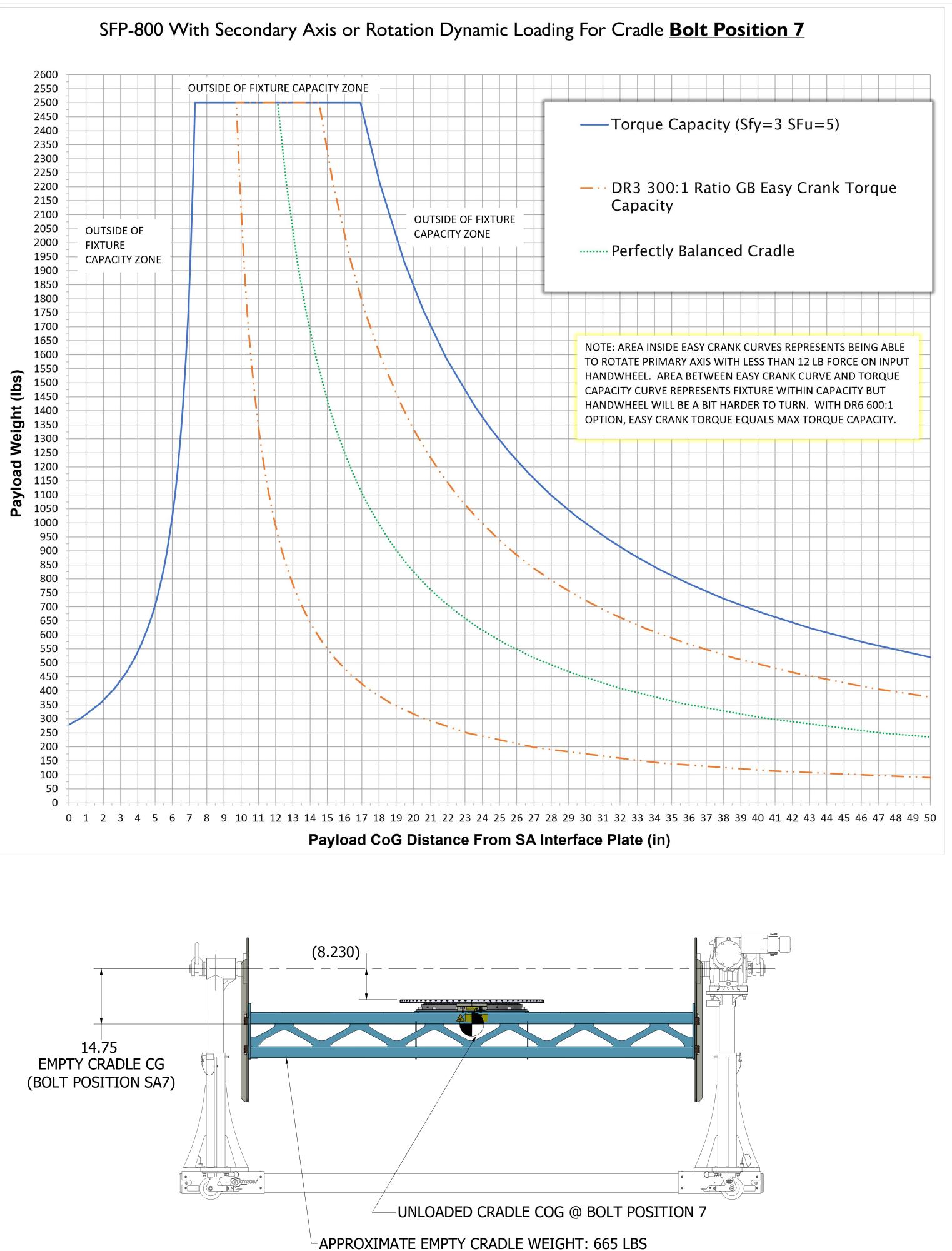


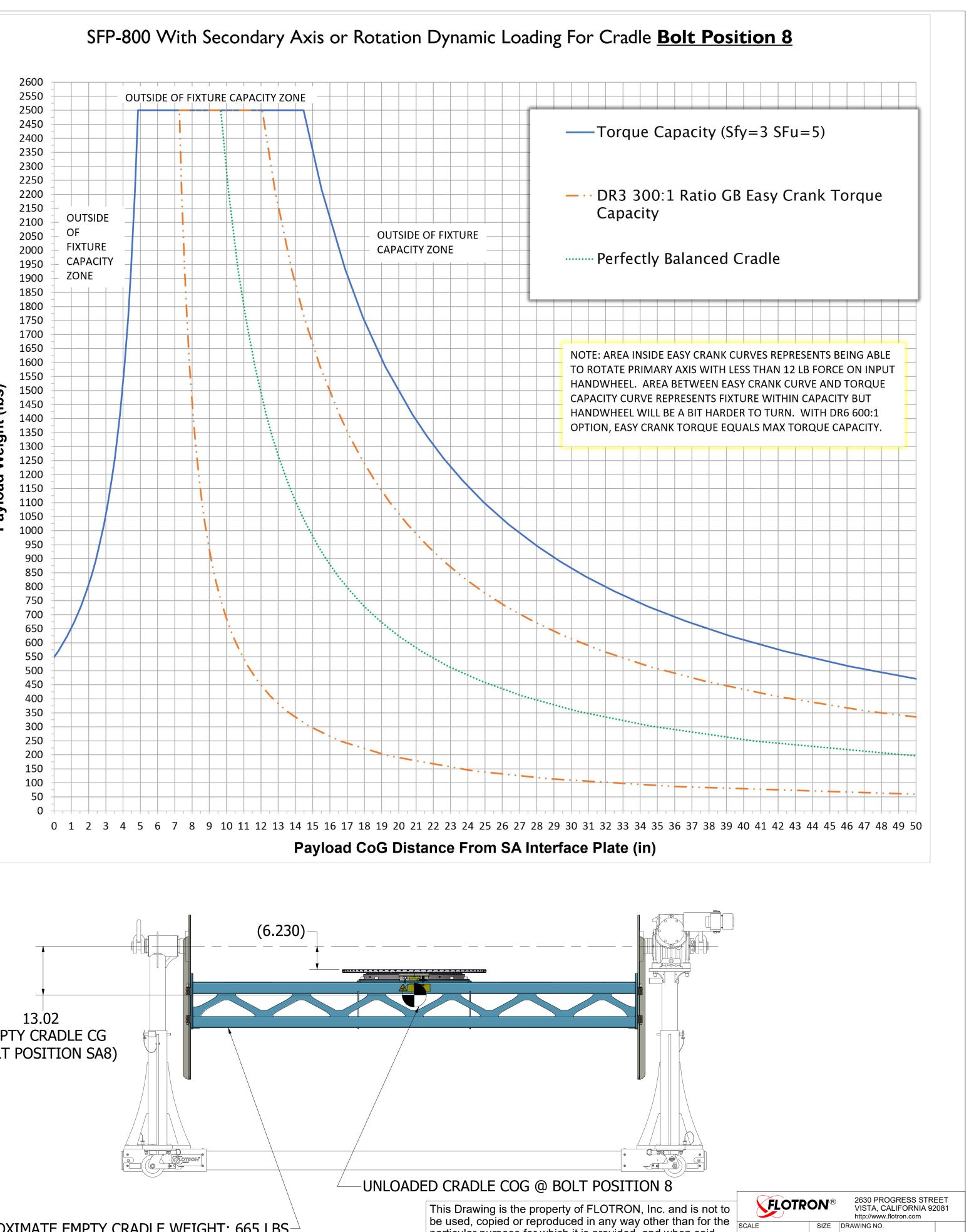


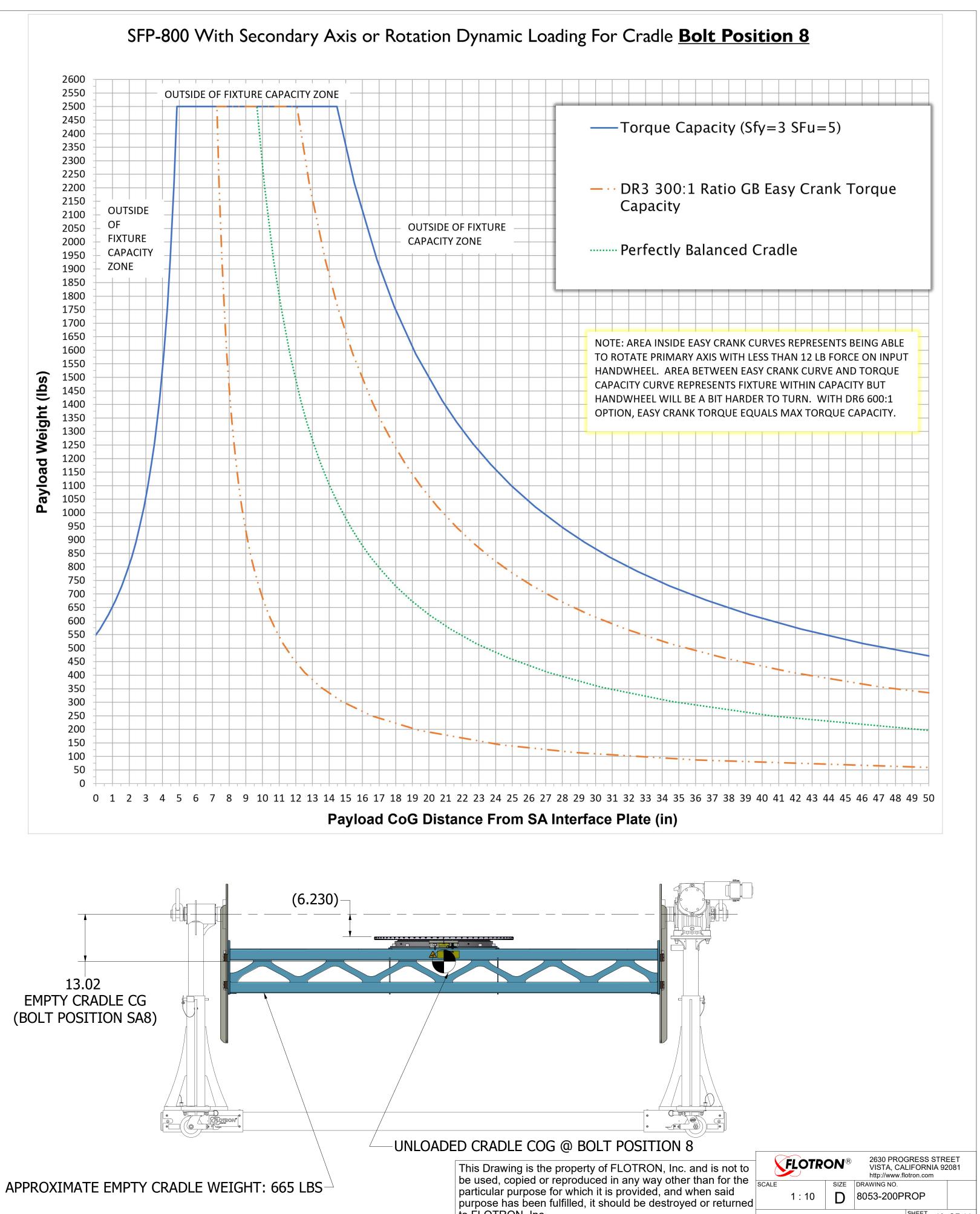


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	1 : 10	ROP								
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